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GW, ML, MR, NE, SN, TD, TG).

添付公開書類:  
— 国際調査報告書

2 文字コード及び他の略語については、定期発行される  
各 PCT ガゼットの巻頭に掲載されている「コードと略語  
のガイダンスノート」を参照。

(54) Title: METHOD FOR PRODUCING HYDROXYL-MODIFIED ETHYLENE- $\alpha$ -OLEFIN COPOLYMER

(54) 発明の名称: 水酸基変性エチレン- $\alpha$ -オレフィン系共重合体の製造方法

(57) Abstract: A hydroxyl-modified ethylene- $\alpha$ -olefin copolymer with excellent coating properties and adhesion properties can be produced by heating a mixture containing 100 parts by weight of an ethylene- $\alpha$ -olefin copolymer and 0.1-20 parts by weight of a peroxide having a hydroperoxy group. The heating temperature is set within a range from the 10-hour half-life temperature to the 1-minute half-life temperature of the peroxide.

(57) 要約: 塗装性及び接着性の優れた水酸基変性エチレン- $\alpha$ -オレフィン系共重合体は、エチレン- $\alpha$ -オレフィン系共重合体 100 重量部と、ヒドロペルオキシ基を有する過酸化化合物 0.1~20 重量部とを含む混合物を加熱することによって製造される。加熱温度は、過酸化化合物の 10 時間半減期温度~1 分間半減期温度の範囲内に設定される。

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/16662

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl.<sup>7</sup> C08F8/00, C08L23/26

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl.<sup>7</sup> C08F8/00, C08L23/26

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
WPI (L)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 9-77826 A (Mitsui Petrochemical Industries, Ltd.), 25 March, 1997 (25.03.97), Claims; Par. Nos. [0137] to [0140] (Family: none)	1, 8, 9 2-7
X Y	EP 284425 A2 (Mitsui Petrochemical Industries, Ltd.), 28 September, 1988 (28.09.88), Pages 3 to 4 & JP 63-238106 A pages 4 to 5 & US 4943658 A	1, 8, 9 2-7

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

## \* Special categories of cited documents:

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"&" document member of the same patent family

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/16662

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>US 2002/0119319 A1 (Asahi Glass Co., Ltd.),  29 August, 2002 (29.08.02),  Par. Nos. [0017] to [0018]  &amp; JP 2002-327018 A  Par. Nos. [0016] to [0017]  &amp; EP 1236746 A1</p>	2-7